

## Today's Topics:

CoCo WEFAX program (2 msgs)  
FT-470, the continuing saga...  
Meteor Shower  
What about for us SWL's ? Re: Tuning dipoles and antennas.  
Where does it go? (3 msgs)

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Date: 12 Dec 89 20:20:52 GMT

From: att!cbnewsj!newsman@ucbvax.Berkeley.EDU (john.ferro..jr)

Subject: CoCo WEFAX program

Message-ID: <2811@cbnewsj.ATT.COM>

Just a few quick questions. I would like to know how the WEFAX program written to run on the Tandy color II computer performs. Does the resolution and picture quality compare with VGA quality when using a standered T.V. set?

What equipment would I need to run this program and capture WEFAX images with?

I sure would like to get a copy of this program. Would someone reading this article be willing to send me a copy? I'll even pay for it!

Thanks again,

John Ferro (201) 957-1651

E-mail att!mtx5d!jjf

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Date: 13 Dec 89 02:47:53 GMT

From: unsvax!arrakis.nevada.edu!storkus@uunet.uu.net (Mike Storke N7MSD)

Subject: CoCo WEFAX program

Message-ID: <1115@unsvax.NEVADA.EDU>

I was the one who posted about the WEFAX 105 program. To answer questions:

1. I have never seen how good the image on a VGA is, so I can't compare the image to it. What I can tell you is this: The program CANNOT receive any shades-just black and white. It displays this on a green screen using the Coco 1 and 2's highest resolution of 256 X 192 (that may not sound like much, but you'll be amazed when you see it, as faxes don't have that much resolution, either); The screen is blown up after receiving to 4 quadrants, and your picture "window" may be moved around the screen anywhere using the joystick (the program does NOT use the keyboard for ANYTHING). I would have

sent some pictures along with the program when I uploaded it to listserv, but I couldn't get my terminal program to accept the size (the picture files on WEFAX 105 are so big, it bypasses the operating system and saves directly to disk, so you need fresh, clean disks each time a file is to be saved. 2 pictures will fit on 1 156K disk).

2. The equipment you will need simply consists of ANY CoCo with 1 disk drive, a suitable radio, and a cable to connect between the radio's earphone jack and the audio input portion of the CoCo's cassette port. NO INTERFACES ARE REQUIRED!! Of course, you can delete the disk drive if you're not planning on saving pictures.
3. The program is PUBLIC DOMAIN (eat your heart out IBM and Apple freaks!), and I will distribute it to ANYONE who wants it. Whoever wants it can send me a mail message, and I will send it back to them, probably that night. NOTE THAT ANYONE WHO WANTS THIS DIRECT FROM ME WILL HAVE TO RESPOND BY THURSDAY NIGHT!!! I will be leaving the university for home after that date and will not return until mid January. After that time, you will have to get it from listserv@pucc.princeton.edu whenever it gets put on there. To get you started on listserv, send the following message to the above address:

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help (to get a small list of commands; these must all be on 1 line)
get coco filelist (if WEFAX 105 has been put up, it will be here)
get os9 filelist (programs for the best operating system next to its parent,
                  UNIX, IMHO)
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That's all for now. Again, if you want the program NOW, send me that mail message by Thursday night. Otherwise, you're sol until it appears on listserv. 73's for a Merry Christmas and happy new year!

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*****
*Mike P. Storke, N7MSD INET Address: storkus@arrakis.nevada.edu *
*SnailMail Address: P.O. Box 6 Minden, NV 89423 "I WANT MY C!!!!!!!!!!!!!!!"*
*Packet Address: N7MSD@WA6RDH "Pascal: The Handcuff of the programmer. :-{ *
*DISCLAIMERS??? Why, when "I think what I say and I say what I think!"-From a*
*NOTICE: Due to Christmas Vacation here at UNLV, I won't*character in Freddy's*
*be able to answer anything directed to me from the INET*Nightmares, episode: *
*from the night of December 14th to mid January. SORRY!*"Silence is Golden" *
*This has got to be the most compact sig file in history*A Wholesome TV show *
*****
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Date: 13 Dec 89 02:13:08 GMT  
From: zaphod.mps.ohio-state.edu!rpi!brutus.cs.uiuc.edu!jarthur!uci-ics!  
turner@tut.cis.ohio-state.edu (Clark Turner)  
Subject: FT-470, the continuing saga...  
Message-ID: <2585B035.27433@paris.ics.uci.edu>

The latest in the continuing saga of the Yaesu FT-470 dual bander HT:

I spoke to an engineer at Yaesu (in Cerritos, CA.) about the only problem I have with the HT - intermod in RF hot areas here in Orange county, CA. - and he explained to me that the receiver is so hot (this appears to be true when comparing to other HT's I own) that some intermod is unavoidable if you use a gain antenna and are in a hot area.

Of course, I would like to have an attenuator for the receiver built in to the rig to take care of such problems, anyone out there ever attempt such a thing? Looks like Kenwood put one into their dual band HT, (but the specs for receive sensitivity are not the same), does this help you Kenwood users?

As I have said before, I would buy the Yaesu instead of the Icom and the Kenwood again because of the size and better feature set. (But the new mini icom dual bander is one to watch?) I have experienced some intermod on the Icom in the same areas of CA, although it is not quite as bad.

Again, if you plan to buy a dual band HT, try each one carefully and in your own time if possible, then make the choice that is best for you.

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Clark S. Turner                                "When the going gets weird,
WA3JPG                                         the weird turn pro."
turner@ics.uci.edu                           -Hunter Thompson
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Date: 12 Dec 89 17:25:10 GMT
From: ucsdhub!hp-sdd!ncr-sd!ncrcae!hubcap!bjb@ucsd.edu (BJ Backitis )
Subject: Meteor Shower
Message-ID: <7404@hubcap.clemson.edu>
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>From article <2728@radio.oakhill.UUCP>, by charlie@oakhill.UUCP (Charlie
Thompson):
> Isn't there a meteor shower going on circa Dec 14th?
> Anybody using VHF meteor scatter during this period?
> Thanks in advance,
> Charlie Thompson
> WB4HVD
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According to the 1990 Old Farmer's Almanac, the Geminid meteor is occurring during the December 13-14 period, coinciding with a full moon (bad for observers, not too bad for meteor scatter VHF).

The Quadrantid meteor shower is the largest of them all (again,

according to the OFA) and is on Jan 4th. The Lynid shower will occur in the late evening of April 20th/21st (evening of the 20th/ morning of the 21st). The Eta Aquarid shower will occur early morning around May 4th (before twilight). The Perseid shower should have as many as one meteor a minute, and will occur between the 11th and the 13th of August. The Orionid shower is expected between 3 and 5am (EST) on October 20th and 21st. November 16th, before dawn, the Leonid shower is predicted greater than usual.

Again, the source of all of this is the Old Farmer's Almanac, the only reference material for such things available to me right at this time. Its accuracy, for what I've used it for, has been very high, so I have little reason to question these dates.

73!! de BJ, KM4RB

--

BJ Backitis (KM4RB) | BJB@CLEMSON.BITNET | "There are a great many  
Info. Systems Development | BJB@HUBCAP.CLEMSON.EDU | people in this country  
Clemson Univ. Division of | {...}!emory!hubcap!bjb | who, through no fault of  
Comp. & Info. Technology | All usual disclaimers | own, are sane."

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Date: 12 Dec 89 20:02:25 GMT  
From: cica!ctrsol!emory!stiatl!rsiatl!kd4nc!ke4zv@tut.cis.ohio-state.edu (Gary Coffman)  
Subject: What about for us SWL's ? Re: Tuning dipoles and antennas.  
Message-ID: <3279@kd4nc.UUCP>

In article <5606@internal.Apple.COM> ems@Apple.COM (Mike Smith) writes:  
>In article <1260002@hpmwtd.HP.COM> timb@hpmwtd.HP.COM (Tim Bagwell) writes:  
>>It is not necessary to have a resonant antenna to efficiently radiate energy.  
>  
>All the stuff I've seen about tuning antennas seems to be written from  
>the point of view of someone with a transmitter and SWR meter...  
>What about us folks that only have a reciever?  
>  
>How important is an antenna tuner to the SWL? (Hey, somebody has to  
>listen to all you folks talking! :-))  
>E. Michael Smith ems@apple.COM  
>

A "resonated", "matched" antenna works best for SWLing. Note that I said

"resonated" not "resonant" antenna. A much misunderstood term called "capture area" is important for receiving antennas. Basically this means that you put up as much metal as you can as high as you can covering as much area as you can. This will give you coupling with more of the incoming wavefront and give you more RF at the antenna terminals to work with. You resonate a monster like this by adding reactance of either inductive (+) or capacitive (-) value in order to null out the reactance presented by the antenna at the operating frequency. To "match" the antenna to the receiver, you use a matching network to transform the impedance at the antenna terminals to the 50 ohms required by most modern high grade receivers. A device that can combine both of these functions in one box is called a random wire tuner. To adjust it you simply tweak it for the loudest signal at the frequency you're using. Simple no?

73 Gary KE4ZV

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Date: 12 Dec 89 20:00:48 GMT  
From: zaphod.mps.ohio-state.edu!uakari.primate.wisc.edu!caesar.cs.montana.edu!  
ogicse!emory!stiatl!rsiatl!jgd@tut.cis.ohio-state.edu (John G. De Armond)  
Subject: Where does it go?  
Message-ID: <911@rsiatl.UUCP>

In article <8912120258.AA10763@esl.ESL.COM> David\_Waters.M1@smtp.ESL.COM (David Waters) writes:

>Where does it go?

>Someone writes:

>>AT LEAST get the \*&^%\*&%\* SWL and monitoring stuff out of here! I

>>mentioned this before. There now is a rec.radio.shortwave and yet

>

>I just get Info-Hams Digest mailed to me because I don't have direct access to

>things like rec.radio.shortwave. What is it anyway? Where is it anyway? Who

>cares? I do!

Hi Dave.

Just ignore these kinds of posts. I have no problem at all with whatever radio-related information anybody wants to post. I find most interesting. And when I tire of a subject, the K key works real well. Advanced rn users even know about wild cards! You know, like how to kill anything with "sw" in the title, etc?

John

--

John De Armond, WD40QC  
Radiation Systems, Inc.

Atlanta, GA

| The Fano Factor -  
| Where Theory meets Reality.

emory!rsiatl!jgd                   \*\*I am the NRA\*\* |

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Date: 11 Dec 89 17:29:20  
From: David Waters <David\_Waters.M1@smtp.ESL.COM>  
Subject: Where does it go?  
Message-ID: <8912130137.AA29560@esl.ESL.COM>

Where does it go?

Someone writes:

>AT LEAST get the \*&^%\*&%\* SWL and monitoring stuff out of here! I  
>mentioned this before. There now is a rec.radio.shortwave and yet

I just get Info-Hams Digest mailed to me because I don't have direct access to things like rec.radio.shortwave. What is it anyway? Where is it anyway? Who cares? I do!

I vote to keep the content just what it is now, SWL, Scanning and Flames. When did I get a vote anyway? :-) After all, those all are a part of my hamming.

If anyone cares to enlighten me (via E-mail or otherwise) on how this net functions, I'd be glad to learn how to not encourage pollution of Hamming with other radio stuff.

Dave Waters                   WA6AWZ  
Internet:  
Compuserve:  
GEnie:  
Packet:     David\_Waters.M1@SMTP.ESL.COM  
            73277,311  
            DRWATERS  
            What's that?

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Date: 11 Dec 89 17:29:20  
From: David Waters <David\_Waters.M1@smtp.ESL.COM>  
Subject: Where does it go?  
Message-ID: <8912130149.AA00130@esl.ESL.COM>

Where does it go?

Someone writes:

>AT LEAST get the \*&^%\*&%\* SWL and monitoring stuff out of here! I  
>mentioned this before. There now is a rec.radio.shortwave and yet

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             DRWATERS  
             What's that?

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End of INFO-HAMS Digest V89 Issue #1009  
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